



AMENDMENTS TO THE CLAIMS

1. (previously amended) A rotor for a DC machine comprising a multiplicity of armature laminations axially one behind the other, which are provided with a locating bore and are connected non-displaceably to one another by holding to form an armature core, which as a whole is pushed onto a motor shaft, wherein

the locating bore (3) of each armature lamination (2) is arranged slightly eccentrically in the armature lamination (2), and wherein

the individual armature laminations (2) of the armature core (1) or groups of armature laminations (2) are arranged such that they are turned in relation to one another by at least one pole pitch or the locating bore is formed as a contoured locating hole.

2. (previously amended) The rotor as claimed in claim 1, wherein said motor shaft is of a smooth form.

3. (previously amended) The rotor as claimed in claim 1, wherein each armature lamination (2) is

arranged on the motor shaft such that it is turned with respect to the adjacent said armature lamination (2) by 45°.

4. (withdrawn)

5. (previously added) The rotor as claimed in claim 2, wherein each armature lamination (2) is arranged on the motor shaft such that it is turned with respect to the adjacent said armature lamination (2) by 45°.

6. (currently amended) A rotor for a DC machine comprising a multiplicity of armature laminations arranged axially one behind the other, each of which laminations is provided with a locating bore, the laminations being connected non-displaceably to one another by holding to form an armature core configured for receiving a motor shaft; wherein

the locating bore of each of said armature laminations is arranged eccentrically in the respective armature lamination; and wherein

~~individual ones of the armature laminations of the armature core, or groups of armature laminations,~~ are arranged with rotation relative to one another

7. (currently amended) A rotor for a DC machine comprising a multiplicity of armature laminations arranged axially one behind the other, each of which laminations is provided with a locating bore, the laminations being connected non-displaceably to one another by holding to form an armature core configured for receiving a motor shaft; wherein

the locating bore of each of said armature laminations is arranged eccentrically in the respective armature lamination; and wherein

~~individual ones of the armature laminations of the armature core, or~~ groups of armature laminations, are arranged with rotation relative to one another by one pole pitch, wherein the pole pitch is less than 180 degrees, ~~or the locating bore is formed as a contoured locating hole.~~

8. (previously added) A rotor according to claim 7, wherein the pole pitch is 45 degrees.